

|  |  |                                |
|--|--|--------------------------------|
| B/O Form PTO-1449<br><br>U.S. Department of Commerce<br>Patent and Trademark Office<br><br>Information Disclosure Statement by Applicant | Atty. Docket Number<br><br>SCHM3001/REF<br><br>Applicant<br>Joachim SCHMITT et al. | Serial Number<br><br>10/538840 |
|  | Filing Date<br><br>June 13, 2005   | Group 1645                     |

**U.S. Patent Documents**

| Examiner Initial |  | Document Number | Date | Patentee/Applicant | Class | Subclass | Filing Date if Appropriate |
|------------------|--|-----------------|------|--------------------|-------|----------|----------------------------|
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |
|                  |  |                 |      |                    |       |          |                            |

**Foreign Patent Documents**

| Examiner Initial |  | Document Number | Publication Date | Country/Agency | Class | Subclass | Translation |    |
|------------------|--|-----------------|------------------|----------------|-------|----------|-------------|----|
|                  |  |                 |                  |                |       |          | Yes         | No |
|                  |  |                 |                  |                |       |          |             |    |
|                  |  |                 |                  |                |       |          |             |    |
|                  |  |                 |                  |                |       |          |             |    |
|                  |  |                 |                  |                |       |          |             |    |
|                  |  |                 |                  |                |       |          |             |    |

**Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)**

|      |  |  |
|------|--|--|
| /RS/ |  | PONTES DE CARVALHO LAIN C. et al., "Characterization of a novel trans-sialidase of <i>Trypanosoma brucei</i> procyclic trypomastigotes and identification of procyclin as the main sialic acid acceptor", JOURNAL OF EXPERIMENTAL MEDICINE, vol. 177, no. 2, 1993, pp 465-474, XP002276140.  |
|      |  | MONTAGNA GEORGINA et al., "The trans-sialidase from the African trypanosome <i>Trypanosoma brucei</i> ", EUROPEAN JOURNAL OF BIOCHEMISTRY, vol. 269, no. 12, June 2002, pp 2941-2950, XP002276141 & DATABASE EMBL retrieved from EBI Database accession no. AF310232, abstract.  |
|      |  | DATABASE EMBL XP002276142 retrieved from EBI Database accession no. AF181287, abstract.  |
|      |  | CREMONA M. L. et al., "A single tyrosine differentiates active and inactive <i>Trypanosoma cruzi</i> trans-sialidases", GENE, ELSEVIER BIOMEDICAL PRESS, AMSTERDAM, NL, vol. 160, no. 1, 4 July 1995, pp 123-128, XP004042190 & DATABASE EMBL retrieved from EBI Database accession no. Q26968 Trans-sialidase 45, abstract.                   |
|      |  | TIRALONGO EVELIN et al., "Two trans-sialidase forms with different sialic acid transfer and sialidase activites from <i>Trypanosoma congoense</i> ," JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 278, no. 26, 27 June 2003, pp 23301-23310, XP002293242 & DATABASE EMBL retrieved from EBI Database accession no. Q7YZT2, Trans-Sialidase, abstract. |
| ↓    |  | ENGSTLER MARKUS et al., "The developmentally regulated trans-sialidase from <i>Trypanosoma brucei</i> sialylates the procyclic acidic repetitive protein", MOLECULAR AND BIOCHEMICAL PARASITOLOGY, vol. 61, no. 1, 1993, pp 1-13, XP002293243.   |
|      |  |  |

|          |                 |                 |            |
|----------|-----------------|-----------------|------------|
| Examiner | /Rodney Swartz/ | Date Considered | 06/18/2007 |
|----------|-----------------|-----------------|------------|

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.